AMENDMENTS

In the Specification:

Please amend the paragraph beginning at page 5, line 19 as follows:

The calculation unit 5 requires variables for performing the calculation on the data streams. Such ~~variations~~ <u>variables</u> are produced by a ~~variation~~ <u>variable</u> creation unit 7.

Please amend the paragraph beginning at page 5, line 22 as follows:

The ~~variation~~ <u>variable</u> creation unit 7 is capable of arbitrarily changing the variables. The stream buffer 2 stores "calculated" data streams which are produced by the calculation unit 5 that performs the calculations on the "original" data streams read from the recording medium 1. An inverse calculation unit 6 reproduces the data streams based on the calculated data streams. Then, a stream processing unit 3 performs data processing on the data streams output from the inverse calculation unit 6. Incidentally, the inverse calculation unit 6 uses the same variables ~~which is~~ created by the ~~variation~~ <u>variable</u> creation unit 7.

Please amend the paragraph beginning at page 11, line 10 as follows:

The variable change code is inserted into the data stream(s) in ~~conform~~ <u>conformity</u> with the "variable change" timing at the calculation unit 5. So, the inverse calculation unit 6 changes the variable thereof at the timing to detect the variable change code.